

# DigiX

## Nano

### Intro

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The NANO is a compact and lightweight professional DMR Digital fully featured radio used by many companies that require a covert easy to hide piece of equipment. A range of earpiece accessories and multi chargers compliments the radio.



### Features

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Digital & Analogue dual mode

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Private call

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Group call

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All call

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Scan

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Kill /Revive

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Battery save mode

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One-touch call

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Remote monitor

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Call Alert

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True-2 time slot

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Records for 200hours

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Prompt tone ON/Off

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Lower power alert /Icon prompt

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Voice prompt

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Definable buttons

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Design and Manufacture

## Specs

Frequency	136-174Mhz or 400-480Mhz or other specified frequency (customized)
Channels	4000 (250 per zone, 16 zones)
Channel spacing	12.5/25KHz
Power (Low/High)	0.5W/2W
Antenna impedance	50Ω
Dimension (H*W*D)	92x56x28MM
Weight (with battery)	128
Li-Pol battery	2200mAH
Rated voltage	DC: 3.7V

## Transmitter

Frequency stability (-30°C, +60°C, +25°C)	+/-1.5ppm
Modulation restriction	±2.5dB@12.5kHz/±5.0dB@25kHz
FM hum & noise	-40dB@12.5kHz/-45dB@25kHz
Conducted /radiated emission	-36dBm<1GHz/-30dBm>1GHz
Adjacent channel selectivity	-60dB@12.5kHz/-65dB@25kHz
Audio response	+1, -3dBm
Audio distortion	3%
FM modulation	12.5kHz: 11KOF3E 25kHz: 16KOF3E
4FSK digital modulation	12.5kHz data: 7K60F1D and 7K60FXD 12.5kHz audio: 7K60F1E and 7K60FXE 12.5kHz data and audio: 7K60F1W
Digital vocoder	AMBE+2™
Digital agreement	ETSI-TS102 361-1, -2, -3

## Receiver

Frequency stability (-20°C, +60°C, +25°C)	+/-1.5ppm
Analogue sensitivity	0.3uV/0.25uV
Digital sensitivity (5%BER)	0.25uV/0.2uV
Inter-modulation	65dB
Adjacent channel selectivity	60dB@12.5kHz/65dB@25kHz
Spurious rejection	65dB
Rated audio	500mw
Audio distortion @rated audio	3%
FM hum & noise	-40dB@12.5kHz/-45dB@25kHz
Audio response	+1, -3dBm
Conducted /radiated emission	-57dBm

## Accessories



Antenna



Lithium Battery



Belt Clip



Charger



Strap

## Contact us today

0800 195 5919 | sales@nrcradio.co.uk

nrcradio.co.uk

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